OBLON, SPIVAK, McCLELLAND ET AL. INV: Dorel Ioan TOMA et al. DOCKET #243414US6YA
SHEET 1 OF 13

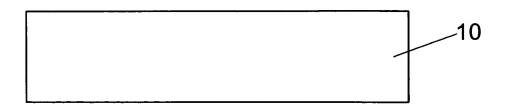


FIG. 1A

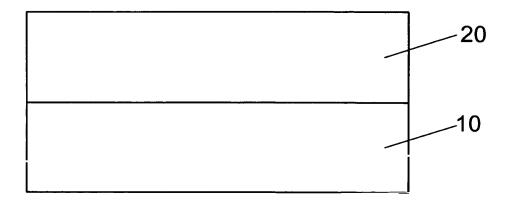


FIG. 1B

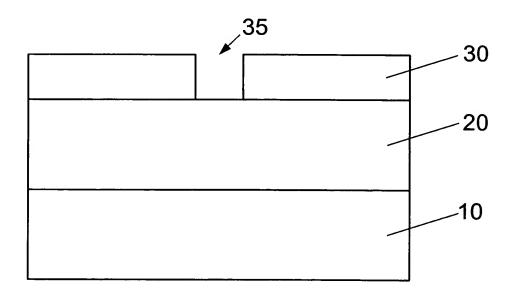


FIG. 1C

OBLON, SPIVAK, McCLELLAND ET AL. INV: Dorel Ioan TOM et al. DOCKET #243414US6YA SHEET 2 OF 13

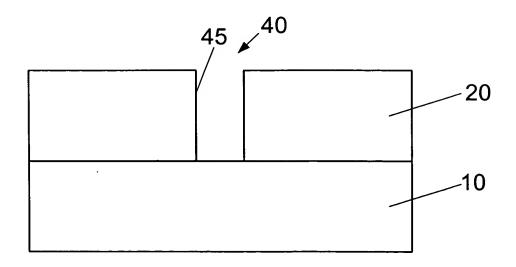


FIG. 1D

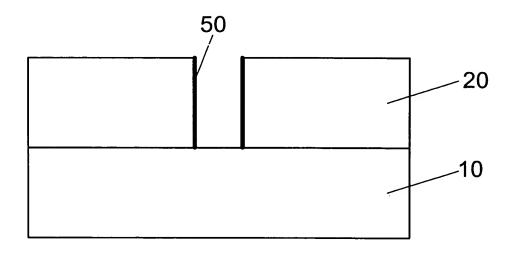


FIG. 1E

OBLON, SPIVAK, McCLELLAND ET AL. INV: Dorel Ioan TOMA et al. DOCKET #243414US6YA SHEET 3 OF 13

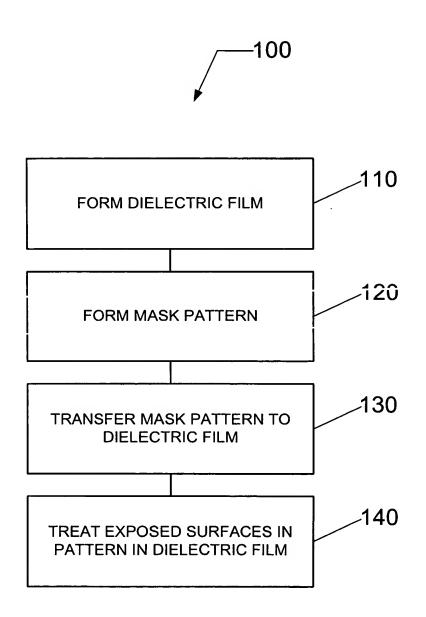


FIG. 2

OBLON, SPIVAK, McCLELLAND ET AL. INV: Dorel Ioan TOMA et al. DOCKET #243414US6YA SHEET 4\_OF\_13\_

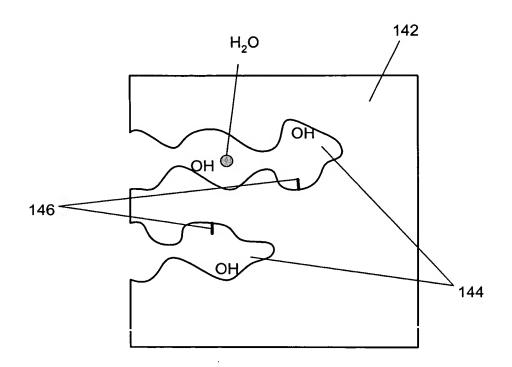


FIG. 3A

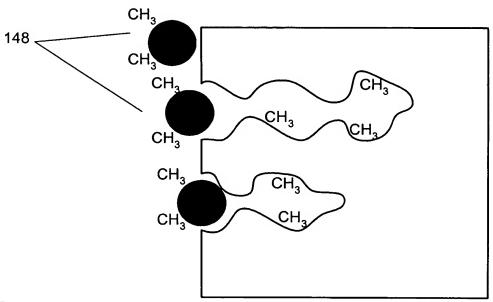


FİG. 3B

OBLON, SPIVAK, McCLELLAND ET AL. INV: Dorel Ioan TOMA et al. DOCKET #243414US6YA SHEET 5 OF 13

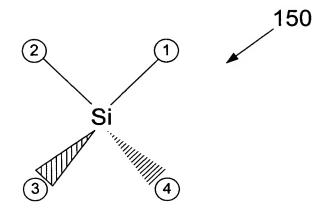


FIG. 4A

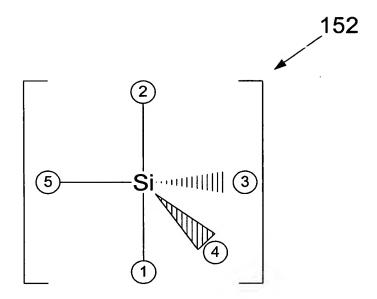


FIG. 4B

OBLON, SPIVAK, McCLELLAND ET AL. INV: Dorel Ioan TOMA et al. DOCKET #243414US6YA
SHEET 6 OF 13

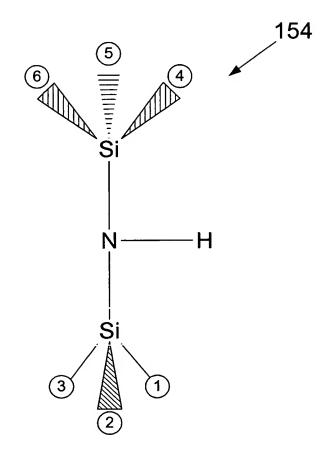


FIG. 4C

(1) 
$$(CH_3)_3$$
 Si-NH-Si $(CH_3)_3$ + HO-Si  $=_{(6)}$   $\longrightarrow$   $(CH_3)_3$   $\longrightarrow$  Si  $\longrightarrow$  O  $\longrightarrow$  Si  $=_{(6)}$ 

(2) 
$$(CH_3)_3 - SiNH_{2(g)} + (HO-Si) =_{(g)} \longrightarrow (CH_3)_3 - Si - O - Si =_{(g)} + NH_{2(g)}$$

FIG. 4D

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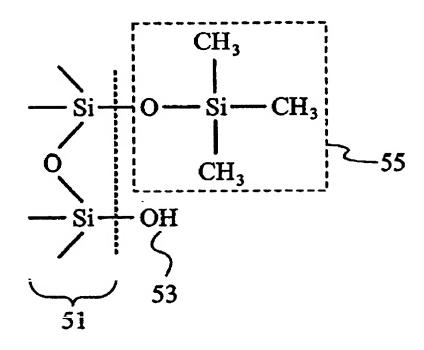


FIG. 4E

OBLON, SPIVAK, McCLELLAND ET AL. INV: Dorel Ioan TOMA et al. DOCKET #243414US6YA SHEET 8 OF 13

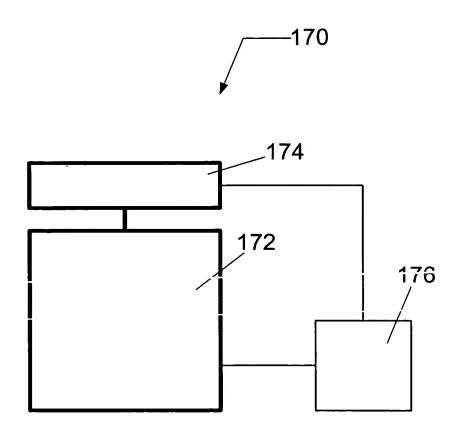


FIG. 5

OBLON, SPIVAK, McCLELLAND ET AL. INV: Dorel Ioan TOMA et al. DOCKET #243414US6YA SHEET 9 OF 13

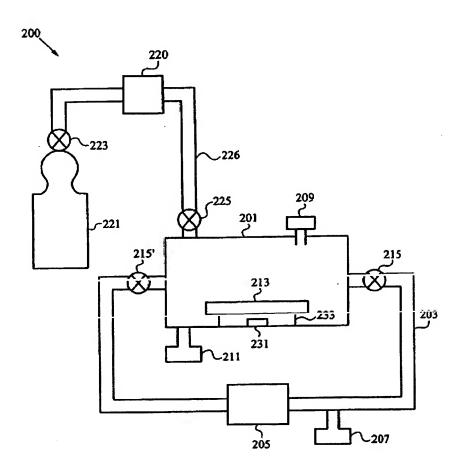
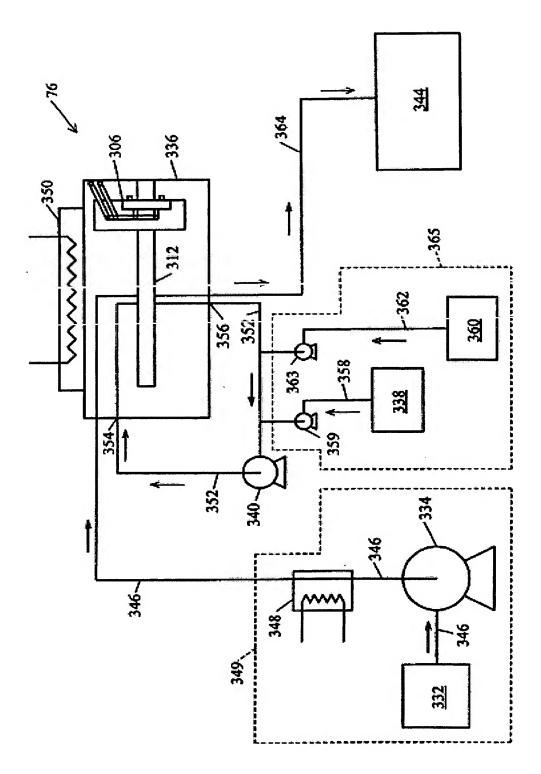


FIG. 6

OBLON, SPIVAK, McCLELLAND ET AL. INV: Dorel Ioan TOMA et al. DOCKET #243414US6YA SHEET 10 OF 13



-<u>1</u>G. 7

OBLON, SPIVAK, McCLELLAND ET AL. INV: Dorel Ioan TOMA et al. DOCKET #243414US6YA SHEET 11 OF 13

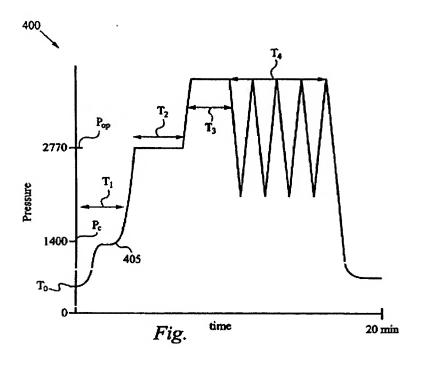


FIG. 8

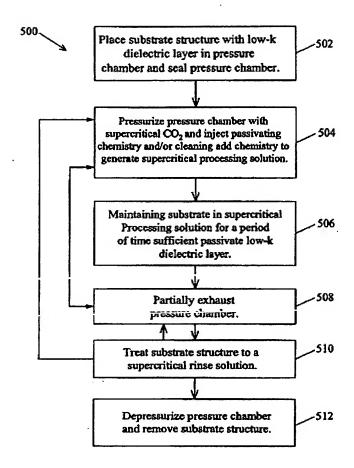


FIG. 9

OBLON, SPIVAK, McCLELLAND ET AL. INV: Dorel Ioan TOMA et al. DOCKET #243414US6YA SHEET 13 OF 13

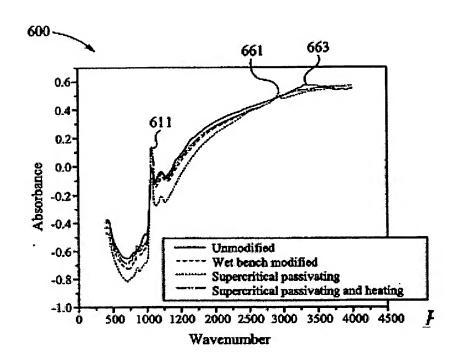


FIG. 10A

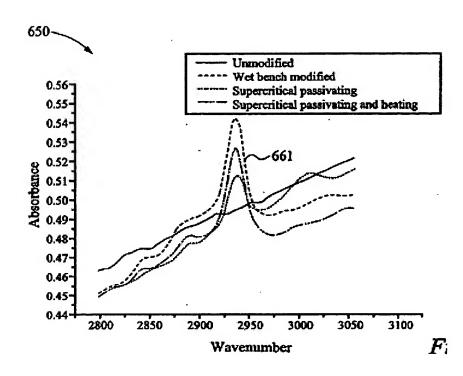


FIG. 10B